**Lab7 Q 1 A.** In the slides it was mentioned that Java’s ArrayList implements 6 interfaces and extends one class. What are they?

Answer:

Six Interfaces are:

Collection

Cloneable

Iterable

List

RandomAccess

Serializable

One Class is:

AbstractList

**Lab7 Q 1 E.**

i). When the type D is a class, then

 If B and C both are interfaces, then D must either implement the method(), or declare method() as an abstract method.

If one of B and C is class and another is interface, then the implementation of method() in superclass or the overriding method() in D will be in effect.

ii). When the type of D is an interface, then

   When B and C both are interfaces, then the D must provide a default method method() or D can leave method() unimplemented.